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**1 Numerical simulation of SAR and B<sub>1</sub>-field inhomogeneity of shielded coils loaded with the human head**

*Ji Chen; Zhaomei Feng; Jian-Ming Jin;*

Biomedical Engineering, IEEE Transactions on , Volume: 45 , Issue: 5 , May 1  
Pages:650 - 659

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**2 Magnetic resonance imaging gradient coil design by combining optimization techniques with the finite element method**

*Shi, F.; Ludwig, R.;*

Magnetics, IEEE Transactions on , Volume: 34 , Issue: 3 , May 1998  
Pages:671 - 683

[\[Abstract\]](#)   [\[PDF Full-Text \(296 KB\)\]](#)   IEEE JNL

**3 Pseudo-Fourier imaging (PFI): a technique for spatial encoding in MRI**

*Kadah, Y.M.; Xiaoping Hu;*

Medical Imaging, IEEE Transactions on , Volume: 16 , Issue: 6 , Dec. 1997  
Pages:893 - 902

[\[Abstract\]](#)   [\[PDF Full-Text \(304 KB\)\]](#)   IEEE JNL

**4 Pure phase-encoded MRI and classification of solids**

*Ghosh, P.; Laidlaw, D.H.; Fleischer, K.W.; Barr, A.H.; Jacobs, R.E.;*

Medical Imaging, IEEE Transactions on , Volume: 14 , Issue: 3 , Sept. 1995

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Pages:616 - 620

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) [IEEE JNL](#)

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**5 Magnetic stimulation of excitable tissue: calculation of induced eddy currents with a three-dimensional finite-element model**

*Mouchawar, G.A.; Nyenhuis, J.A.; Bourland, J.D.; Geddes, L.A.; Schaefer, D.; Riehl, M.E.;*

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Pages:3355 - 3357

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**6 Two applications of wavelet transforms in magnetic resonance imaging**

*Healy, D.M., Jr.; Weaver, J.B.;*

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**7 Simultaneous water and fat MRI with chemical-shift correction**

*Kwok, W.E.; Totterman, S.M.; Jianhui Zhong;*

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**8 Neuroenergetic basis of functional MRI: implications for efficiency of brain work**

*Hyder, F.;*

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*Ellingson, M.L.; Liebenthal, E.; Spanaki, M.V.; Prieto, T.E.; Binder, J.R.; Ropek, K.M.;*

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**10 Optimal design of RF pulses with arbitrary profiles in magnetic resonance imaging**

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**11 Arterial compliance and pulse pressure MR measurements: an optimized procedure combining a phase contrast multi movie and a 1 technique**

*Stevanov, M.; Baruthio, J.; Gounot, D.;*

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*Alexander, A.L.; Roberts, J.; Kholmovski, E.; Parker, D.L.;*

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**13 Transcranial magnetic stimulation combined with EEG: a new brain imaging tool**

*Ilmoniemi, R.J.; Karhu, J.; Ollikainen, M.; Naatanen, R.; Ruohonen, J.; Virtan J.; Tiitinen, H.; Ylostalo, J.; Katila, T.;*

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*Fowler, J.E.; Yagel, R.;*

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**15 Elastic properties imaging by periodical displacement NMR measurements (EPMRI)**

*Lewa, G.J.;*

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